

Abstract

In a driveline for a motor vehicle, an automatic transmission having an output shaft connected
5 to a transfer case input, a planetary gearset, a coupler having positional states that alternatively produce a high speed range and low speed range, a friction clutch that alternatively driveably connects the output and a forward drive shaft, or releases the connection between
10 the output and forward drive shaft, without regard to the positional state of the coupler or speed range produced by the transfer case.